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PREPARED BY IBM ATTORNEY

Date: February 2, 2000

Mr. Andrew Dillon
Felsman, Bradley, Vader, Gunter & Dillon, LLP
Suite 350, Lakewood on the Park
7600B N. Capital of Texas Highway
Austin, TX 78731

Re: IBM Docket Number AUS000120US1 (37624)

Dear Andrew:

You are being retained to prepare a patent application for the above IBM docket.


Enclosed is a copy of IBM invention disclosure AUS8-1999-1494 and related art (to be mailed). The patent application is to be prepared according to the IBM AUSTIN INTELLECTUAL PROPERTY LAW DEPARTMENT OUTSIDE COUNSEL & ADMINISTRATIVE PROCEDURES.

Randy Forlenza, the contact inventor, has been notified that you will be preparing this patent application and has agreed to the schedule set forth below. The inventor's telephone number is (512) 838-0929 and fax number is (512) 838-0169.

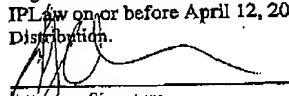
From our previous telephone discussion you have agreed to complete the patent application for execution by the inventor(s) and deliver it to us by **April 12, 2000** for a fee of _____ including the IDS and Distribution. Please sign and return a copy of this letter indicating your agreement.

Please feel free to contact me if you have any questions or concerns.

Sincerely,


Marilyn Smith Dawkins
Intellectual Property Law
cc: Cheryl Work

I agree that an execution copy of the above application will be completed and sent to IBM IPL on or before April 12, 2000 for a professional fee of _____, including IDS and Distribution.


Attorney Signature

2/2/00
Date

Q 500012051

garden
due w 3 weeks



Disclosure AUS8-1999-1494

Created By: Miguel Sang **Created On:**
Last Modified By: Miguel Sang **Last Modified On:**

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Required fields are marked with the asterisk (*) and must be filled in to complete the form.

Summary

Status	Submitted
Processing Location	AUS
Functional Area	71 - NCB - JAVA & BROWSER (S. Heuer)
Attorney/Patent Professional	Marilyn Dawkins/Austin/IBM
IDT Team	Liba Hays/Austin/Contr/IBM
Submitted Date	
Owning Division	NCs
PVT Score	To calculate a PVT score, use the 'Calculate PVT' button.
Lab	
Technology Code	
Incentive Program	

Inventors with Lotus Notes IDs

Inventors: Miguel Song/Austin/IBM, Bruce Beaulieu/Austin/IBM, Randy Portenza/Austin/IBM

Inventor Name + danohas primary contact	Inventor Serial	Div/Dept	Manager Serial	Manager Name
David E. Smith (M)	420589	5503 KPA	550560	David E. Smith (M)
David E. Smith (M)	810592	5503 KPA	550560	David E. Smith (M)
David E. Smith (M)	610819	5503 KPA	550560	David E. Smith (M)

Inventors without Lotus Notes IDs

IDT Selection

[illegible]

Main Idea

Title of disclosure in English

Method and Apparatus for Improved Bookmark Entry Creation and Access

Statement of disclosure

1. Describe your invention, stating the problem solved (if appropriate), and indicating the advantages of using the invention.

This invention improves on the current methods for creating and accessing bookmarks. The central idea is to provide a quick, simple and flexible, yet powerful mechanism for the user to perform these tasks on bookmarks. Since bookmarks in general increase at an exponential rate, the ability of quickly and efficiently accessing and displaying a relevant bookmark is critical for user productivity.

Method and Apparatus for Improved Bookmark Entry Creation and Access - continued

This invention uses the concept of a catalogue of the keywords in a bookmark entry, which is created "on the fly" for URLs that are being bookmarked.

2. How does the invention solve the problem or achieve an advantage, (a description of "the invention", including figures inline as appropriate)?

When the user adds a bookmark entry, this invention creates a table of contents or index which will describe the content of the web page that the bookmark references. This is sort of creating a "relevant keyword table" that is used for accessing and displaying the bookmarks on the client. This information is stored as part of the bookmark entry.

When used in conjunction with a bookmark management facility, the users can search quickly for the relevant bookmarks they are looking for.

The following scenario describes an instance where this invention could be used:

1. assume the user bookmarks the IBM AlphaWorks web site (www.alphaworks.ibm.com).
2. the web page uses XML, and it defines a markup element called KEYWORD_CONTENT
3. KEYWORD_CONTENT lists the keywords associated with that web page (IBM, Java, Internet, AIX, Software Development, Tools, Toolkit)
4. a bookmark facility utilizing the concepts proposed by this invention detects the KEYWORD_CONTENT tag within the web page
5. the bookmark facility saves these keywords in association with the AlphaWorks bookmark entry
6. later on, the user searches his/her bookmarks for a site related to "Java"
7. the bookmark facility searches the keyword lists associated with each of the user's bookmarks
8. any bookmark whose associated keyword list contains the 'Java' keyword is returned
9. among the returned list is the IBM AlphaWorks site bookmark as well as any other bookmarks whose KEYWORD_CONTENT tag contained "Java"

The importance of this feature becomes more relevant when the user's bookmark increases in size over time.

3. If the same advantage or problem has been identified by others (inside/outside IBM), how have those others solved it and does your solution differ and why is it better?

N/A

4. If the invention is implemented in a product or prototype, include technical details, purpose, disclosure details to others and the date of that implementation.

***Critical Questions (Questions 1 - 7 must be answered)**

Question 1:	
On what date was the invention available to the public? Please format the date as MM/DD/YYYY. (Workable means: when you know that your design will solve the problem)	
Question 2:	
Have any planned or actual publications, products, or inventions of your invention to anyone outside IBM?	
Yes <input type="radio"/> No <input checked="" type="radio"/>	
If yes, enter the name of each publication or product and the date published below:	
Publication or Product Name: _____ Date Published: _____	
Are you aware of any publications, products or patents that relate to this invention?	
Yes <input type="radio"/> No <input checked="" type="radio"/>	

Method and Apparatus for Improved Document Entry Creation and Access - continued

1. Enter the names of each publication, patent and the date published below.

Publication/Patent: _____

Date Published: _____

Question 3

Has the subject matter of the invention or a product incorporating the invention been sold, used internally in manufacturing, announced for sale or included in an export, or for sale, use, manufacture, product announcement or proposal planned? ☐ Yes ☒ No

If Yes, identify the product, if known and indicate the date of sale, announcement or proposal and if no sale, announcement or proposal has been or will be made.

Product Name: _____

Date: _____

To Whom: _____

If more than one, use a second page and append as necessary in the form provided.

Question 4

Was the subject matter of your invention or a product incorporating you have been used in publication about the IBM or in the presence of IBMers? ☐ Yes ☒ No

If Yes, give a date. Please format the date as MM/DD/YYYY.

Date: _____

Question 5

Have you ever discussed your invention with a person employed at IBM? ☐ Yes ☒ No

Was identity disclosed and date discussed. Fill in the text area with the following information: the names of the individuals, the employer, date of discussion under GDA and GDA.

Names: _____

Date: _____

Question 6

Was the invention, directly or indirectly, developed under a government contract or project? ☐ Yes ☒ No

If Yes, enter the contract number.

Contract Number: _____

Question 7

Was the invention made under terms of any alliance, joint development or other contract or agreement? ☐ Yes ☒ No

If Yes, enter the following: Name of Alliance, Contractor or Joint Developer.

Contract Number: _____

Relationship/Contract Name: _____

Relationship/Contact Email: _____

Relationship/Contact Phone: _____

Question 8

Have you submitted or are you aware of any related disclosure submission? ☐ Yes ☒ No

If Yes, please provide the title and date of disclosure number below.

Title: _____

Date: _____

*ok 904 PAGE.06 *ok

Method and Apparatus for Improved Book Entry Creation and Access - continued

Question 5: What type of companies do you expect to compete with inventions of this type? Check all that apply.

<input type="checkbox"/> Manufacturing companies
<input type="checkbox"/> Non-manufacturing companies
<input type="checkbox"/> Non-manufacturing companies
<input type="checkbox"/> Non-manufacturing companies
<input type="checkbox"/> Non-manufacturing companies
<input type="checkbox"/> Non-manufacturing companies
<input checked="" type="checkbox"/> Development of information systems
<input checked="" type="checkbox"/> Development of networking software
<input checked="" type="checkbox"/> Development of application software
<input type="checkbox"/> Integrated solution providers
<input type="checkbox"/> Service providers
<input type="checkbox"/> System integrators

Patent Value Tool (Optional) - this may be used by the inventor and attorney to assist with the evaluation of your invention.

(The Patent Value tool can be used by you or the evaluation team to determine the potential licensing value of your invention.)

The Patent Value Tool has not yet been used to calculate a score.

Post Disclosure Text & Drawings

Enter any additional information relating to this disclosure below:

(Form Revised 12/17/87)